

^{66}Co $Z = 27$ $N = 39$ adopted link ENSDF link

Based on ensdf_240402 (Apr 2024), and mass evaluation from 2020

BE = 567.992 (0.014) MeV

Qbeta- = 9.598 (0.014) MeV

	Energy T	J+	J-	J-other	T1/2
66Co 1	0.000	(3+)			1 0.20 S 2
66Co 2	0.175	(5+)			2 1.21 US 1
66Co 3				0.390	3
66Co 4			0.642	(8-)	4 100 US GT

S-p = 12.480 (0.015) -----

S-n = 5.295 (0.014) -----

S-2p = 27.997 (0.014) -----

S-2n = 12.759 (0.024) -----

S-alpha = 10.310 (0.015) -----

S+p = -14.623 (0.014)

S+n = -6.985 (0.015)

S+2p = -23.736 (0.014)

S+2n = -11.377 (0.014)

S+alpha = -8.993 (0.014)

gap p = -2.143 (0.021)

gap n = -1.690 (0.021)

gap 2p = 4.261 (0.020)

gap 2n = 1.382 (0.028)

gap alpha = 1.317 (0.021)